

LYSTOP II



According to options machine outfitted with :

- **MOTORIZED CONVEYOR**

- Anodised aluminium profile, created by CDA, doubled at the crimping station, and receiving an acetal slate band conveyor width 82,5 mm
- The stainless steel side guide bars in Ø12 mm are adjustable in width to allow the passage of a bottle up to Ø 110 mm in and 390 mm height
- The motorized conveyor is built on a stainless steel frame, outfitted with blue side panels in which the electrics & electronics is integrated. Six feet on wheels allow its displacement.
- A multi-format selection screw with a frequency variator is at the entrance of the machine to regulate the space between the bottles and the feeding speed.
- A rotating reception table Ø 700 mm is built at the outlet of the conveyor to collect the labelled bottles

● CAPSULE DISPENSER

- A feeding plate for capsules of 500 by 430 mm
- Capsule diameter of 30 mm \pm 2mm, bigger in option on request
- Capsule length from 30 to 55 mm
- Ejection of the capsules by two blowers with length and width adjustable according to the size of capsules
- Automatic centring and hold of the bottle necks during capsulling
- Detection cell to detect the presence of the corks in order to avoid dispensing a capsule on an unclosed bottle
- Automatic centring and hold of the bottle from 60 to 110 mm of \emptyset without any necessity of adjustment for bottle size change
- Regulation of the speed and validation through the digital display
- Height adjustment synchronised with the capsule crimping stations and steered by electrical lifts regulated through the digital display.

● CAPSULING

- Two capsule crimpers turning at 2 800 rpm, built above the double conveyor, are working independently and are steered by electrical lifts with a 110 mm slide
- Or 2 thermal crimpers with heat regulation steered by electrical lifts with a 110 mm slide.
- The height adjustment is regulated through the digital display and is synchronised with the capsule dispenser.
- The bottle holders are ensuring an automatic centring and hold of all diameters from \emptyset 60 to 110 mm without necessity of adjustment for bottle size change
- Bottle neck diameter: 30 mm \pm 2 mm
- Regulation of the sliding speed (up & down) through independent air limiters
- Speed regulation and validation of the capsulling process through the digital display

● LABELLING

- One label dispenser for front labels
- One label dispenser for back labels
- One label dispenser for a third label to be applied on the cylindrical part of the bottle or one label dispenser for medal or collar labels
- All label dispensers steered by asynchronous motors piloted by vectorial frequency converters.
- The height of each label dispenser is adjustable by electrical up & down lifts.
- Labelling height adjustment through digital display
- From 8 to 300 mm label height
- Nominal labelling production rate for front/back labels: 2 500 bt/h
- Adjustment and memorizing of the label positioning through the digital display

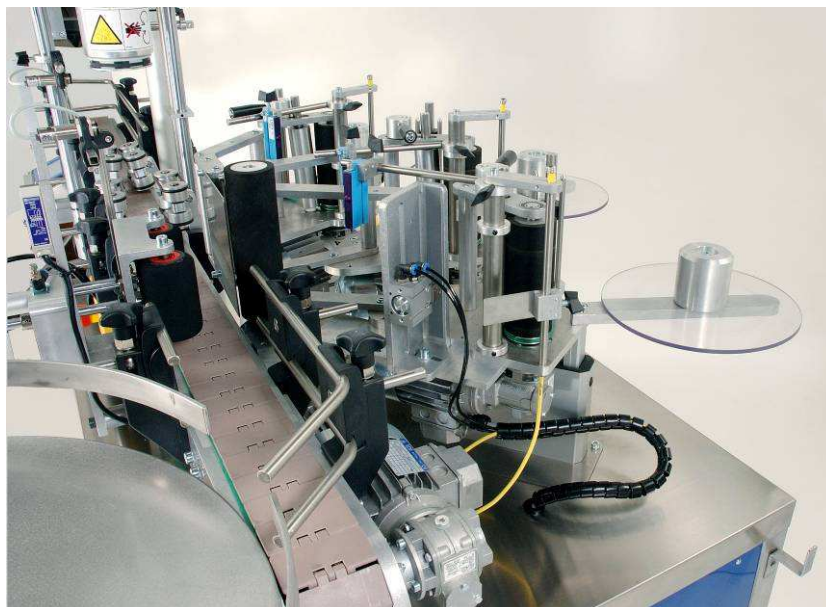
● DIGITAL DISPLAY

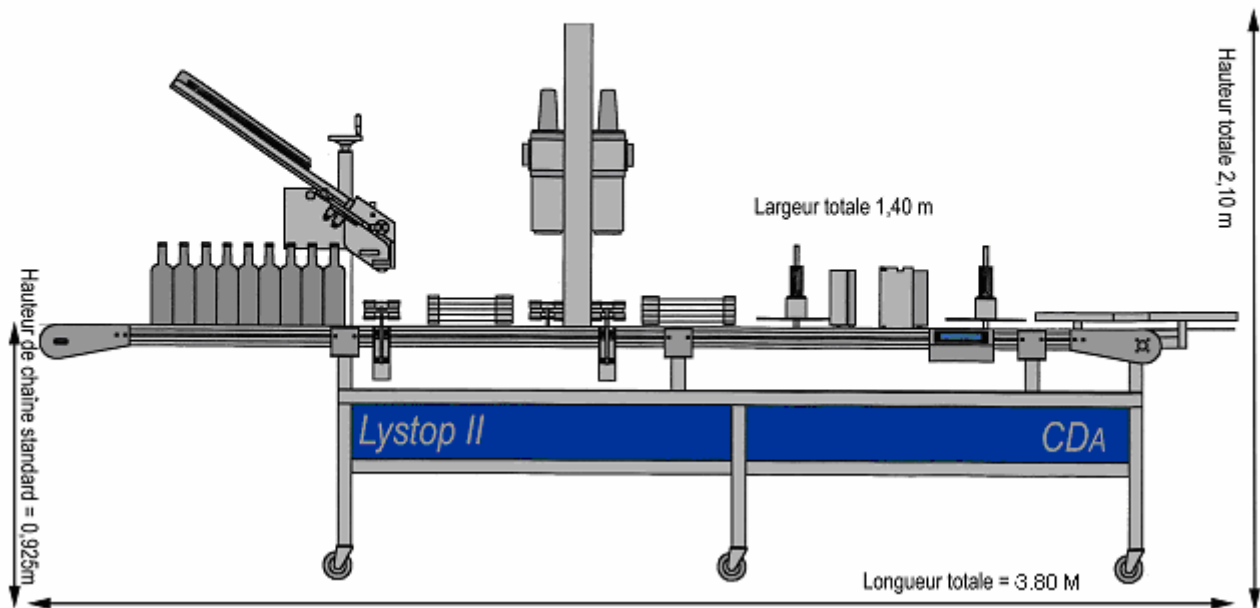
- Validation zone
- Zone for regulation settings
- Zone for bottle counter
- Adjustment of the label positioning
- Setting of production rate and process timing
- Positioning memorizing – 15 positions
- Labelling height adjustment
- Integrated instruction manual
- Process error detection and self-diagnosis



● OPTIONS

- Lot marker by heat transfer
- Detection cell for the positioning of an additional label on already labelled bottles.
- Detection cell for the positioning of labels on notched bottles.
- Additional conveyor length
- Guiding unit for cone shaped bottles labelling
- Ink jet lot marker
- Ultrasonic label detection sensor for transparent labels





TECHNICAL DESCRIPTION	
Performance	Up to 2 500 btl/hour according to diameter and label positioning
Approximate weight in kgs	300 kgs
Machine width	1400 mm
Machine height	2100 mm
Machine length	3800 mm
Conveyor Entrance	1200 mm
Conveyor height	925 mm
Control	By digital display
Absorbed power	2kw
Power supply	380 V ~ 50 Hz 16A 3 Phases + Earth 16A 220 V ~ 50 Hz 16A
Air consumption	20 m ³ / hour maxi at 6 bars – Dry air non lubricated
Ideal running temperature	From 10°C to 30°C

WINDING DIRECTION: LEFT OUT

Dimensions of the label rolls:

- A: inside diameter = 75mm
- B: Max. outside diameter = 260mm
- C: Max. band height = 160mm – higher on request
- D: Space between labels = 3-5mm

Minimal paper quality: 90g

Nota: The rolls have to be stored in a dry place between 15°C and 18°C.

Machine delivered with EC Standards non contractual documents)

